

IN THE CLAIMS:

Please amend the claims as follows:

Please cancel claim 15.

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1. (Amended) A process for the preparation of low-odor flexible polyurethane foams comprising reacting organic and/or modified organic polyisocyanates (a) with a polyetherol mixture (b) and, optionally, further compounds (c) having hydrogen atoms reactive toward isocyanates, in the presence of water and/or other blowing agents (d), catalysts (e), flameproofing agents (f) and, optionally, further assistants and additives (g), wherein the polyetherol mixture (b) comprises
- b1) at least one difunctional to octafunctional polyetherol based on ethylene oxide and, optionally, propylene oxide and/or butylene oxide, having an ethylene oxide content of at least 30% by weight, based on the total amount of alkylene oxide used, and an OH number of from 20 to 200 mg KOH/g, and
- b2) at least one polyetherol based on propylene oxide and/or butylene oxide and, optionally, ethylene oxide, having an OH number greater than 20 mg KOH/g, the ethylene oxide content being less than 30% by weight, based on the total amount of alkylene oxide used, wherein foaming is effected in an index range of less than 150, and the catalyst comprises at least one catalyst supporting the polyisocyanurate reaction.

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3. (Amended) A process as claimed in claim 1, wherein the polyol (b1) has more than 30% of primary OH groups.

4. (Amended) A process as claimed in claim 1, wherein the polyol (b1) is used in amounts of at least 30% by weight, based on the total weight of the component (b).

5. (Amended) A process as claimed in claim 1, wherein the polyol (b2) is used in amounts of less than 70% by weight, based on the total weight of the component (b).

6. (Amended) A process as claimed in claim 1, wherein water is used as blowing agent (d) in amounts of from 1 to 10, preferably from 1 to 5, % by weight, based on the total weight of the components (b) to (g).

7. (Amended) A process as claimed in claim 1, wherein the catalyst (e) used is an alkali metal salt and/or alkaline earth metal salt.

8. (Amended) A process as claimed in claim 1, wherein the catalyst (e) used is potassium acetate.

9. (Amended) A process as claim in claim 1, wherein the flameproofing agents (f) are halogen-free.

10. (Amended) A process as claimed in claim 1, wherein the flameproofing agents (f) used are melamine and, optionally, expanded graphite.

11. (Amended) A process as claimed in claim 1, wherein the organic and/or modified organic polyisocyanates (a) comprise tolylene diisocyanate, mixtures of diphenylmethane diisocyanate isomers, mixtures of diphenylmethane diisocyanate and polyphenylpolymethylene polyisocyanate or tolylene diisocyanate with diphenylmethane diisocyanate and/or polyphenylpolymethylene polyisocyanate.

12. (Amended) A process as claimed in claim 1, wherein the organic and/or modified organic polyisocyanates (a) comprise NCO-containing prepolymers formed from the reaction of the isocyanates (a) with the polyetherols (b) and, optionally, components (c) and/or (d).

13. (Amended) A process as claimed in claim 1, wherein the foaming is effected in an index range of from 50 to 150.